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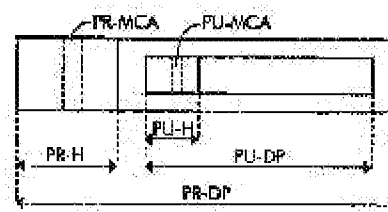
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**(54) METHOD FOR MULTI-CASTING DATA PACKET TO MOBILE STATION, GATEWAY NODE RELATING THERETO, SERVICE NODE AND ROUTING NODE**

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a method for transferring a public data packet to a plurality of mobile stations via public data packet network and a mobile data packet network from a caller terminal.

SOLUTION: A public data packet (PU-DP) is multicast by using a public multicast address (PU-MCA) via a public data packet network. The public data packet (PU-DP) is multicast by using a private multicast address (PR-MCA) in an overhead part (PR-H) of a private data packet (PR-DP) resulting from tunneling the public data packet (PU-DP) via a mobile data packet network.



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## LEGAL STATUS

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